CLAIMS

What is claimed is:

h	44)	1.	An object retention system for securing an object in a rotatable
	27	carousel hav	ing an axis of rotation, the system comprising:
	3		(a) a latching hub mounted within the rotatable carousel about
	4	the axis of ro	otation;
	5		(b) at least one object within the rotatable carousel, each object
	6	having a latc	h reciprocal configured to mate with the latching hub; and,
	7		(c) at east one retainer adjacent each object, each retainer
	8	configured to	o maintain contact between one of the latch reciprocals and the
	9	latching hub.	
	1	2.	The protess of plains 1 who wain.
	-	۷.	The system of claim 1 wherein:
= =,	2		(a) the latching hub includes at least one prominence; and
Ī	3		(b) each latch reciprocal has a depression formed therein for
m) m	4	receiving one	e of the prominences of the latching hub.
	1	3.	The system of claim 1 wherein:
	2	•	(a) each latch reciprocal includes a prominence; and
	3		(b) the latching hub has at least one depression formed therein
	4	for receiving	the prominence of each latch reciprocal.
	1	4.	The system of claim 1 wherein each retainer is springable to permit
	2	insertion and	removal of each object.
	1	5.	The system of claim 1 wherein the latching hub is springable to
	2	permit inserti	on and removal of each object.

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	1	6.	The system of claim 1 wherein the latching hub is substantially
	2	coextensive	with each object.
	1	7.	The system of claim 1 wherein each object includes first and
	2	second ends	and wherein the latch reciprocal of each object is positioned
	3	centrally bet	ween the first and second ends of each object.
	1	8.	A method for securing an object in a rotatable carousel having an
	2	axis of rotat	ion, the method comprising:
i	3		(a) mounting a latching hub within the rotatable carousel about
	4	the axis of re	
	5		(b) provising a retainer within the rotatable carousel;
=	6		(c) inserting an object, having a latch reciprocal, into the
<u> </u>	7	rotatable car	
	8		(d) mating the latch reciprocal with the latching hub; and,
i i	9		(e) the retainer maintaining contact between the latch reciprocal
L	10	and the latch	\
He quest tend though He		and the later	
<u>.</u>	1	9.	The method of claim 8 further including:
	2	0.	(a) providing the latching hub with a prominence; and
	3		(b) forming a depression in the latch reciprocal for receiving the
	4	prominonoo	of the latching hub.
	٠,	prominence	or the latering ridb.
	1	10.	The method of claim 8 further including:
	2	10.	\
			(a) providing each latch reciprocal with a prominence; and
	3		(b) forming a depression in the latching hub for receiving the
	4	prominence	of the latch reciprocal.
	5		
	_	4.4	
	1	11.	The method of claim 8 wherein inserting the object includes:
	2		(a) the object displacing the retainer, permitting the latch

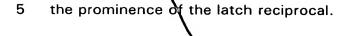
3	reciprocal to	partially bypass the latching hub;
4		(b) the retainer returning to lock the latching hub against the
5	latch recipro	ocal.
1	12.	The method of claim 8 wherein inserting the object includes:
2		(a) displacing the latching hub, permitting the latch reciprocal to
3	partia	ally bypass the latching hub;
4		(b) the latching hub returning to lock the latching hub against
5	the latching	reciprocal.
1	13.	An object retention system for retaining an object on a rotatable
2		e system comprising:
3	carouser, tri	(a) a rotatable carousel having an axis of rotation;
4		
5	the axis of r	
		\
6		(c) an object within the rotatable carousel and having a latch
7		nd a stop, the latch reciprocal configured to mate with the latching
8	hub; and,	
9		(d) at least one retainer mounted within the carousel adjacent
10		ch retainer configured to maintain contact between the latch
11	reciprocal ar	nd the latching hub.
1	14.	The system of claim 13 wherein:
2		(a) the latching hub includes a prominence; and
3		(b) the latch reciprocal has a depression formed therein for
4	receiving the	e prominence of the latching hub.
1	15.	The system of claim 13 wherein:
2		(a) the latch reciprocal includes a prominence; and
3		(b) the latching hub has a depression formed therein for
4		receiving

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- 1 16. The system of claim 13 wherein each retainer is springable to 2 permit insertion and removal of each object.
- 1 17. The system of claim 13 wherein the latching hub is springable to 2 permit insertion and removal of each object.
 - 18. The system of claim 13 wherein the latching hub is substantially coextensive with the object.
 - 19. The system of claim 13 wherein the object includes first and second ends and wherein the latch reciprocal is positioned centrally between the first and second ends of the object.